

CLAIMS

1. A method comprising:

receiving a request for data having at least one specific content;

obtaining one or more temporal addresses corresponding to the at least one specific content, in response to the request for data having the at least one specific content;
and

selecting data from at least one data stream having spatial-to-temporal translated data, in response to the one or more temporal addresses.

2. The method of Claim 1, wherein said receiving a request for data having at least one specific content further comprises:

receiving a request for at least a portion of recorded video.

3. The method of Claim 1, wherein said receiving a request for data having at least one specific content further comprises:

receiving a request for at least a portion of recorded audio.

4. The method of Claim 1, wherein said receiving a request for data having at least one specific content further comprises:

receiving a request for at least a portion of recorded video and recorded audio.

5. The method of Claim 1, wherein said receiving a request for data having at least one specific content further comprises:

receiving a request for at least a portion of at least one of computer processable and network processable data.

6. The method of Claim 1, wherein said obtaining one or more temporal addresses corresponding to the at least one specific content, in response to the request for data having the at least one specific content further comprises:

associating the specific content with one or more times of one or more transmitted data portions.

7. The method of Claim 6, wherein said associating the specific content with one or more times of one or more transmitted data portions further comprises:

consulting a schedule having the specific content in association with the one or more times of the one or more transmitted data portions.

8. The method of Claim 7, wherein said consulting a schedule having the specific content in association with the one or more times of the one or more transmitted data portions further comprises:

consulting a schedule published by at least one of a source controller and a source switch controller.

9. The method of Claim 8, wherein said consulting a schedule published by at least one of a source controller and a source switch controller further comprises:

accepting input of the schedule published by at least one of the source controller and the source switch controller.

10. The method of Claim 7, wherein said consulting a schedule having the specific content in association with the one or more times of the one or more transmitted data portions further comprises:

consulting a schedule received from at least one of a source controller and a source switch controller .

11. The method of Claim 10, wherein said consulting a schedule received from at least one of a source controller and a source switch controller further comprises:

receiving the schedule from a data stream.

12. The method of Claim 6, wherein said associating the specific content with one or more times of one or more transmitted data portions further comprises:

associating the specific content with at least one absolute time associated with a clock.

13. The method of Claim 12, wherein said associating the specific content with at least one absolute time associated with a clock further comprises:

associating the specific content with at least one time associated with at least one of an atomic clock, a global clock, a relative clock, a transmitted clock, and a number of ticks relative to some specified received data.

14. The method of Claim 12, wherein said associating the specific content with at least one absolute time associated with a clock further comprises:

associating the specific content with at least one absolute time associated with a transmitted clock.

15. The method of Claim 6, wherein said associating the specific content with one or more times of one or more transmitted data portions further comprises:

associating the specific content with at least one relative time.

16. The method of Claim 15, wherein said associating the specific content with at least one relative time further comprises:

associating the specific content with at least one time relative to a received marker.

17. The method of Claim 15, wherein said associating the specific content with at least one relative time further comprises:

associating the specific content with at least one time of a first and a second received marker.

18. The method of Claim 1, wherein said selecting data from at least one data stream having spatial-to-temporal translated data, in response to the one or more temporal addresses further comprises:

selecting at least a portion of cyclically transmitted data in response to the one or more temporal addresses.

19. The method of Claim 1, wherein said selecting data from at least one data stream having spatial-to-temporal translated data, in response to the one or more temporal addresses further comprises:

selecting data from a first network and a second network in response to the one or more temporal addresses.

20. The method of Claim 1, further comprising:

constructing the specific content from data selected from a first network and a second network in response to the one or more temporal addresses.

21. The method of Claim 1, wherein said selecting data from at least one data stream having spatial-to-temporal translated data, in response to the one or more temporal addresses further comprises:

selecting data from at least one data stream having file-address -to-temporal- address translated data.

22. The method of Claim 1, wherein said selecting data from at least one data stream having spatial-to-temporal translated data, in response to the one or more temporal addresses further comprises:

selecting data from at least one data stream having disk-address -to-temporal- address translated data.

23. The method of Claim 1, wherein said selecting data from at least one data stream having spatial-to-temporal translated data, in response to the one or more temporal addresses further comprises:

selecting data from at least one data stream having tape-address -to-temporal- address translated data.

24. The method of Claim 1, wherein said selecting data from at least one data stream having spatial-to-temporal translated data, in response to the one or more temporal addresses further comprises:

selecting data from at least one data stream having substantially static memory-address -to-temporal- address translated data.

25. The method of Claim 1, wherein said selecting data from at least one data stream having spatial-to-temporal translated data, in response to the one or more temporal addresses further comprises:

selecting data from at least one data stream having object-address -to-temporal- address translated data.

26. A system comprising:

means for receiving a request for data having at least one specific content;

means for obtaining one or more temporal addresses corresponding to the at least one specific content, in response to the request for data having the at least one specific content; and

means for selecting data from at least one data stream having spatial-to-temporal translated data, in response to the one or more temporal addresses.

27. The system of Claim 26, wherein said means for receiving a request for data having at least one specific content further comprises:

means for receiving a request for at least a portion of recorded video.

28. The system of Claim 26, wherein said means for receiving a request for data having at least one specific content further comprises:

means for receiving a request for at least a portion of recorded audio.

29. The system of Claim 26, wherein said means for receiving a request for data having at least one specific content further comprises:

means for receiving a request for at least a portion of recorded video and recorded audio.

30. The system of Claim 26, wherein said means for receiving a request for data having at least one specific content further comprises:

means for receiving a request for at least a portion of at least one of computer processable and network processable data.

31. The system of Claim 26, wherein said means for obtaining one or more temporal addresses corresponding to the at least one specific content, in response to the request for data having the at least one specific content further comprises:

means for associating the specific content with one or more times of one or more transmitted data portions.

32. The system of Claim 31, wherein said means for associating the specific content with one or more times of one or more transmitted data portions further comprises:

means for consulting a schedule having the specific content in association with the one or more times of the one or more transmitted data portions.

33. The system of Claim 32, wherein said means for consulting a schedule having the specific content in association with the one or more times of the one or more transmitted data portions further comprises:

means for consulting a schedule published by at least one of a source controller and a source switch controller.

34. The system of Claim 33, wherein said means for consulting a schedule published by at least one of a source controller and a source switch controller further comprises:

means for accepting input of the schedule published by at least one of the source controller and the source switch controller.

35. The system of Claim 32, wherein said means for consulting a schedule having the specific content in association with the one or more times of the one or more transmitted data portions further comprises:

means for consulting a schedule received from a source controller and a source switch controller.

36. The system of Claim 35, wherein said means for consulting a schedule received from a source controller and a source switch controller further comprises:

means for receiving the schedule from a data stream.

37. The system of Claim 31, wherein said means for associating the specific content with one or more times of one or more transmitted data portions further comprises:

means for associating the specific content with at least one absolute time associated with a clock.

38. The system of Claim 37, wherein said means for associating the specific content with at least one absolute time associated with a clock further comprises:

means for associating the specific content with at least one time associated with at least one of an atomic clock, a global clock, a relative clock, a transmitted clock, and a number of ticks relative to some specified received data.

39. The system of Claim 37, wherein said means for associating the specific content with at least one absolute time associated with a clock further comprises:

means for associating the specific content with at least one absolute time associated with a transmitted clock.

40. The system of Claim 31, wherein said means for associating the specific content with one or more times of one or more transmitted data portions further comprises:

means for associating the specific content with at least one relative time.

41. The system of Claim 40, wherein said means for associating the specific content with at least one relative time further comprises:

means for associating the specific content with at least one time relative to a received marker.

42. The system of Claim 40, wherein said means for associating the specific content with at least one relative time further comprises:

means for associating the specific content with at least one time of a first and a second received marker.

43. The system of Claim 26, wherein said means for selecting data from at least one data stream having spatial-to-temporal translated data, in response to the one or more temporal addresses further comprises:

means for selecting at least a portion of cyclically transmitted data in response to the one or more temporal addresses.

44. The system of Claim 26, wherein said means for selecting data from at least one data stream having spatial-to-temporal translated data, in response to the one or more temporal addresses further comprises:

means for selecting data from a first network and a second network in response to the one or more temporal addresses.

45. The system of Claim 26, further comprising:

means for constructing the specific content from data selected from a first network and a second network in response to the one or more temporal addresses.

46. The system of Claim 26, wherein said means for selecting data from at least one data stream having spatial-to-temporal translated data, in response to the one or more temporal addresses further comprises:

means for selecting data from at least one data stream having file-address -to-temporal-address translated data.

47. The system of Claim 26, wherein said means for selecting data from at least one data stream having spatial-to-temporal translated data, in response to the one or more temporal addresses further comprises:

means for selecting data from at least one data stream having disk-address -to-temporal- address translated data.

48. The system of Claim 26, wherein said means for selecting data from at least one data stream having spatial-to-temporal translated data, in response to the one or more temporal addresses further comprises:

means for selecting data from at least one data stream having tape-address -to-temporal- address translated data.

49. The system of Claim 26, wherein said means for selecting data from at least one data stream having spatial-to-temporal translated data, in response to the one or more temporal addresses further comprises:

means for selecting data from at least one data stream having substantially static memory-address -to-temporal- address translated data.

50. The system of Claim 26, wherein said means for selecting data from at least one data stream having spatial-to-temporal translated data, in response to the one or more temporal addresses further comprises:

means for selecting data from at least one data stream having object-address -to-temporal- address translated data.

51. A system comprising:

- a temporal address unit configured to receive a request for a substance of data and generate one or more temporal addresses; and
- a data switch controller configured to receive the one or more temporal addresses and generate one or more switching commands.

52. The system of Claim 51, wherein said temporal address unit configured to receive a request for a substance of data and generate one or more temporal addresses further comprises:

- a spatial-to-temporal address converter configured to receive a request for data in a spatial format.

53. The system of Claim 52, wherein said spatial-to-temporal address converter configured to receive a request for data in a spatial format further comprises:

- a spatial-to-temporal address converter configured to receive a request for data in a spatial address device format.

54. The system of Claim 51, wherein said temporal address unit configured to receive a request for a substance of data and generate one or more temporal addresses further comprises:

- a content-to-temporal address coordinator configured to receive a request for data in a content format.

55. The system of Claim 54, wherein said content-to-temporal address coordinator configured to receive a request for data in a content format further comprises:

- a content-to-temporal address coordinator configured to receive a request for at least a part of recorded video.

56. The system of Claim 54, wherein said content-to-temporal address coordinator configured to receive a request for data in a content format further comprises:

- a content-to-temporal address coordinator configured to receive a request for at least a part of recorded audio.

57. The system of Claim 54, wherein said content-to-temporal address coordinator configured to receive a request for data in a content format further comprises:

- a content-to-temporal address coordinator configured to receive a request for at least a part of recorded audio and video.